CORRES. CONTROL OUTGONG LTR NO.

DOE ORDER #

9 6RFO 5400 DIST ENC



000063940

Bengal, P Benson, C. A Buddy, M. S Burdelik, W. J

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Rocky Mountain Remediation Services, L.L.C. . . . protecting the environment

Rocky Flats Environmental Technology Site

P.O. Box 464

Golden, Colorado 80402-0464 Phone (303) 966-2678 Fax (303) 966-8244

September 23, 1996

96-RF-05400 96-RM-ER-0135-DOE

Mast, E. C. McAnally, J. L. Motyl, K. M. Peterman, B. D.

Evans, C. S

Findley, M. Guinn, L.

Hopkins, J Jenkins, K. Jierree, C Konwinski, G

Law, J. E.

Ledford, J. A. Lovseth, T. P Luker, R.S

Primrose, A. L. Power, A. Rukavina, F Steffen, D. E

Tyson, A. M. Zeile, H.

DUU STAN LA IEHWEGR HUFFMAU, HXX

RMRS CC (080) XX CORRES.CONTROL XX TRAFFIC

CLASSIFICATION

UCNI UNCLASSIFIED CONFIDENTIAL SECRET

AUTHORIZED CLASSIFIER SIGNATURE

DOCUMENT CLASSIFICATION REVIEW WAIVER PER

CLASSIFICATION OFFICE DATE

IN REPLY TO REP CC NO

ACTION ITEM STATUS CLOPEN CLOSED . C PARTIAL

LTR APPROVALS:

ORIG & TYPIST INITIALS

RF-46469 (Rev. 04/96)

Joseph A. Legare Acting Assistant Manager, Environmental Compliance DOE, RFFO

Attn.: J. Stover

DVDD, たかママ MONTHLY DISCHARGE MONITORING REPORT - NPDES PERMIT NO. CO-0001333 - JLM-165-96

Action: Transmit to EPA and CDPHE

The August 1996 Discharge Monitoring Report (DMR), required by the Rocky Flats Plant National Pollutant Discharge Elimination System (NPDES) Permit, is attached

During the month of August 1996, there were no discharges from Pond A-3 (Outfall 002), Pond A-4 (Outfall 005), Pond B-5 (Outfall 006) or Pond C-2 (Outfall 007). There was continuous discharge from Pond B-3 (Outfall 001) and the Sewage Treatment Plant (Outfall STP) during the reporting period.

It is necessary that the Principal Executive Officer sign and date the letter and the DMR forms. Per verbal request of the EPA, forms for those discharge points which were not active are included with the notation of "No Discharge." Additional monitoring data as required by the NPDES Federal Facilities Compliance Agreement is attached on a separate sheet. The NPDES permit requires that the report be postmarked no later than September 28, 1996, and be sent to the following:

Mr. Don Terrell 8-ENF-T Water Management Division U.S. E.P.A., Region VIII 999 - 18th Street, Suite 500

Denver, CO 80202-2466

Colorado Department of Public Health and Environment Attention: Mr. Robert Shukle Monitoring and Enforcement Section WQCD - PE - B2 4300 Cherry Creek Drive South Denver, CO 80222-1530

If you have any questions or desire additional information on this matter please contact K. M. Motyl at extension 2172.

RECORDS CENTER ADMIN RECCRD

Joseph A. Legare September 23, 1996 96-RF-05400 Page 2

I certify that, to the best of my knowledge and that of my staff, the information used to fill out the DMR is complete and accurate.

James L. McAnally

President, RMRS L.L.C.

LAD:slm

Orig. and 1 cc - Joseph A. Legare

James of Mir auly

Attachments:

As Stated

cc:

J. Dion DOE

J. A. Hill Kaiser-Hill

G. H. Setlock

Kaiser-Hill

Ward

SSOC

D. A.

COMPO SAMPL WELKLY GOMPO OMPO WALSAPINGCORD á grab GRAB N/A GRAB CH. AB р... С NOTE: Read instructions before completing this form. ш Continuous discharge 8/1/96-8/31/96 FADDRIVA BEX MIRES TO-371 1971 MT httacnment 96-RF-05400 4 ф. MICE/ VICE/ 0 MEEK *** | ---ST TI TI K DAILY **U005** DAILY 2/7 N/A YEAR Page Form Approved OMB No. 2040-0004 A/N ŠМ 0 0 966-7000 TELEPHONE (61)6 *** NO DISCHARGE SHIND 1/9W DAILY MX MS/L J/9H M6/L * * * * 7 DA AVG MG/L mg/ì 1/6m mg/l mg/J dischargemg/1 *** 2 AREA AVG DAILY MX DAILY MX 03 <0.010 180 **** XAXIMUM MAXIMUM DISCHARGE TANIT 7.4 5.3 QUALITY OR CONCENTRATION SIGNATURE OF PRINCIPAL EXECUTIVE DA OFFICER OR AUTHORIZED AGENT 800 VX 0 1 300A AVG 30DA AVG 30DA AVG 300A AVG **** **** **** < 0.010 *** **** REPORT VATOVAL POLEUTAN O'SELARGE ELIMINATION SYSTEM (1997).
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PAGE

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NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPD) ENDING REPORT $\{DMR\}$ 30402 00 PERMITTEE NAME/ADDRESS (Include Facility Name/Location if different)
NAME USDOE-ROCKY FLATS PLANT ADDRESSP 0 80X 928 GOLDEN

STP A PERMIT NUMBER 000001333

DISCHARGE NUMBER MONITORING PERIOD

101

MO DAY

YEAR 36

F MOM

LOCATION FACILITY

F - FINAL

OMB No. 2040-0004 Form Approved YEAR MO DAY

Continuous discharge 8/1/96-8/31/96 OISCHARGE FAPBMValsexplass to-3n 894 MT

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EPA Form 3320-1 (Rev. 9-88) Previous editions may be used

(REPLACES EPA FORM T.40 WHICH MAY NOT BE USED.)

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NOTE: Read instructions before completing this form. Continuous Discharge 8/1/96-8/31/96 *** NO DISCHARGE | _ + ** 3Apgroval expires 10-31-94 OMB No. 2040-0004 Form Approved. (61) (o + UNITS (19) mg/l mg/J | mg/] 7/9W 70 AV MG/L DAILY MX MG/L DAILY MX MG/L DAILY MX MG/L фg/] ήg/] REPORT DAILY MX 5.1 REPORT 1.7 REPORT FROM POND MAXIMUM 0.0 H FINAL QUALITY OR CONCENTRATION (19-66) 3.4 \ 4 × 307 TX AVG AVG 30DA AVG 30DA AVG **** 3.9 REPORT 1.4 REPORT NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NDES) DISCHARGE MONITORING REPORT (DMR)REPORT *** AVERAGE YEAR MO DAY (28-29) (30-31) (18.90) DISCHARGE NUMBER 3002 300A (17-19) **-**T 001 PERIOD **** **** **** (26-37) *** **** 在女女女女女 **** **** **** **** (1 (and Only) MINIMUM (38-45) MONITORING 0 MO DAY (22-23) (24-25 PERMIT NUMBER UNITS 000001333 * * * * * * * * * * * * *** *** * * * *** * * * | QUANTITY OR LOADING YEAR (17.00 **** *** **** **** **** **** **** *** **** **** MAXIMUM (14-45) FROM **** *** **** **** **** **** **** **** **** AVERAGE 20403 Legare Gard Only) (46-53) ⋖ SAMPLE MEASUREMENT SAMPLE MEASUREMENT SAMPLE MEASUREMENT SAMPLE MEASUREMENT SAMPLE MEASUREMENT SAMPLE MEASUREMENT EFFLUENT GROSS VALUE REQUIREMENT EFFLUENT GROSS VALUE REQUIREMENT PERMIT REQUIREMENT EFFLUENT GROSS VALUE REQUIREMENT EFFLUENT GROSS VALUE REQUIREMENT Joseph FFFLUENT GROSS VALUE NITROGEN, NITRATE BOD. CARBONACEOUS ADDRESSP 0 80X 928 \bigcirc TOTAL PARAMETER SOLIDS, TOTAL (20 0ee. (32-37) 07AL (AS N) 0620 1 0 60L0EN 05 DAY, 20C 00 5-DAY CHLORINE SUSPENDED 00310 1 00530 1 RESIDUAL 50060 80082 LOCATION FACILITY

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YEAR

NUMBER

AREA

303 | 966-7000

SIGNATURE OF PRINCIPAL EXECUTIVE

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER

JOSEPH A. LEGATE

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SAMPLE MEASUREMENT

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COMMENT AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)

OFFICER OR AUTHORIZED AGENT

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INSTAN DAY (02-69) GRAB GRAB NOTE: Read instructions before completing this form. Ш ⊢ U. Q V 4 FRECUENCY OF ANALYSIS ٥ 189-101 DAILY YTIVO DISCHARGE FApprovapexpires 10-39-94 *** NO DISCHARGE MXXI *** DAILY YEAR OMB No. 2040-0004 (6.3-6.3) óХ 966-7000 NUMBER Form Approved. TELEPHONE 12) 19 UNITS MG/L * * * * 0 N *** SU ខ្ល SIGNATURE OF PRINCIPAL EXECUTIVE 303 DAILY MX **** 0 **.** 6 MAXIMUM **** SHALL MAXIMUM DISCHARGE - FINAL QUALITY OR CONCENTRATION (19-55) OFFICER OR AUTHORIZED AGENT MAJOR THERE 30DA AVG *** **** 0 ***** ***** AVERAGE DAY. (46-53) (26-27) (28-29) (30-31) DISCHARGE NUMBER PERMIT. (17-19) YEAR MO 003 MONITORING PERIOD **** **** MINIMUM **** **** (4 Card Only) MINIMUM (38-45) S OF THE 0 FROM YE UN DAY (22-23) (24-25) PERMIT NUMBER 03) UNITS 000001333 **** *** COMPOSITE NO CHANGE FROM REQUIREMENTS PRIOR TO FFCA - SEE PAGE **** **** 091 *** QUANTITY OR LOADING DAILY MX 10.00 * * * * * * **** **** MAXIMUM REPORT COMMENT AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here) FLOATING SOLIDS OTHER THAN TRACE AMOUNTS. 30DA AVG **** **** **** ***** REPORT AVERAGE CO 80402 (3 Card Only) (46-53) Legare EFFLUENT GROSS VALUE REQUIREMENT SAMPLE MEASUREMENT IHRU TREATMENT PLANT MEASUREMENT SAMPLE MEASUREMENT PERMIT REQUIREMENT SAMPLE MEASUREMENT SAMPLE MEASUREMENT EFFLUENT GROSS VALUE REQUIREMENT SAMPLE MEASUREMENT SAMPLE MEASUREMENT ATTN: MAKKKXKKKKKKKKKKOOSeph A. FFLUENT GROSS VALUE REQUIREMENT PERMIT REQUIREMENT PERMIT REQUIREMENT PERMIT REQUIREMENT PERMITTEE NAME/ADDRESS (Include Facility Name/Location if different) NAME USDQE-BOCKY EL DIS PLANT NAME/TITLE PRINCIPAL EXECUTIVE OFFICER LOW, IN CONDUIT OR VITROGEN, NITRATE ADDRESSP 0 80X 928 \Box PARAMETER Ê (32-37)GOLDEN \Box OTAL CAS 50050 1 LOCATION 00620 00400 FACILITY X

MATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES). DISCHARGE MONITORING REPORT (DMR)

(REPLACES EPA FORM T.40 WHICH MAY NOT BE USED.)

SEE PERMIT EPA Form 3320-1 (Rev. 9-88) Previous editions may be used.

SAMPLING

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(02-69)

(REPLACES EPA FORM T.40 WHICH MAY NOT BE USED.)

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Ap DATLY INSTAN DA^{Y} (02-69) GRAB NOTE: Read instructions before completing this form. DATE ο Σ PERMIT FREDUENCY OF ANALYSIS HONTH ONCE 164-637 *** NO DISCHARGE NXXI *** Approval expires 10-31-94 YEAR OMB No. 2040-0004 (62.63) 966-7000 OX XO NUMBER Form Approved. TELEPHONE MONTH (82) UNITS DAILY MX UG/L DAYSI * * * * *** SIGNATURE OF PRINCIPAL EXECUTIVE 303 REPORT MO MAX **** MAXIMUM FINAL QUALITY OR CONCENTRATION POND 8-5 (34-61) OFFICER OR AUTHORIZED AGENT 300 TAX **** **** **** **** NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES) DISCHARGE MONITORING REPORT (DMR)**** *** AVERAGE (46-53) (16-27) (28-29) (76-31) DISCHARGE NUMBER (17-19)YEAR MO 900 MONITORING PERIOD **** ***** **** **** **** **** (4 Card Only) MINIMUM (38-45) 40 NAME/TITLE PRINCIPAL EXECUTIVE OFFICER AND AN FARLAR WITH THE INFORMATION SUBMITTED HERBONALLY EXAMINED AND AN FARLAR WITH THE INFORMATION SUBMITTED HERBONALLY EXAMINED BASED ON MY INQUIRY OF THOSE INDIVIDUALS MANEDATED HERBON SHOE FOR THE PRESPONSELE FOR THE PRESPONSELE FOR THE PRESPONSELE FOR THE PRESPONSELE FOR THE PROBRATION INCLUDING SIGNIFICANT PERMETTER FOR SUBMITTION FALSE INFORMATION INCLUDING SIGNIFICANT PERMETTING FOR SUBMITTION FALSE INFORMATION INCLUDING THE PROSPARTION INCLUDING THE PROBRATION INCLUDING THE PROSPARTION INCLUDING THE PROBRATION OF ANY VIOLATIONS (Reference all attachments here) YEAR MO DAY (30-21) (22-23) (24-25) PERMIT NUMBER 03) UNITS 000001333 *** *** 09% *** *** QUANTITY OR LOADING DAILY MX **** **** *** **** MAXIMUM REPORT NO NO NO **** *** *** **** **** **** **** AVERAGE 80402 (3 Card Only) Legare (46-53) Ä. FFLUENT GROSS VALUE REQUIREMENT SAMPLE MEASUREMENT SAMPLE MEASUREMENT SAMPLE MEASUREMENT SAMPLE MEASUREMENT SAMPLE MEASUREMENT SAMPLE MEASUREMENT EFFLUENT GROSS VALUE REQUIREMENT PERMIT REQUIREMENT PERMIT REQUIREMENT SAMPLE MEASUREMENT PERMIT REQUIREMENT EFFLUENT GROSS VALUE REQUIREMENT PERMIT REQUIREMENT Joseph NTL NAME/TITLE PRINCIPAL EXECUTIVE OFFICER PERMITTEE NAME/ADDRESS (Include Facility Name/Location if different)

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EPA Form 3320-1 (Rev. 9-88) Previous editions may be used

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							CODE	NUMBER	YEAR MO	DAY

August 1996

Sewage Treatment Plant Effluent Metals Data

	Result, ug/l 08/06/96
Antimony	<60.0
Arsenic	5.3
Beryllium	<5.0
Cadmium	<5.0
Copper	<25.0
Iron	<100.0
Lead	<3.0
Manganese	21.4
Mercury	<0.2
Nickel	<40.0
Silver	<10.0
Zinc	<20.0

Sewage Treatment Plant Effluent Volatile Organic Compound Data

VOC	Result, ug/l
Benzene	<u>08/06/96</u> <5
Bromoform	-
	<5
Carbon Tetrachloride	<5
Chlorobenzene	<5
Chlorodibromomethane	<5
Chloroethane	<10
Chloroform	7.0
Dichlorobromomethane	<5
1,1-Dichloroethane	<5
1,2-Dichloroethane	<5
1,1-Dichloroethylene	<5
1,2-Dichloropropane	<5
1,3-Dichloropropylene	<5
Ethylbenzene	<5
Methyl bromide	<10
Methyl chloride	<10
Methylene chloride	<5
1,1,2,2-Tetrachloroethane	<5
Tetrachloroethylene	<5
Toluene	<5
1,2-Trans-dichloroethylene	<5
1,1,1-Trichloroethane	<5
1,1,2-Trichloroethane	<5
	<5 <5
Trichloroethylene	<10
Vinyl chloride	< 1U